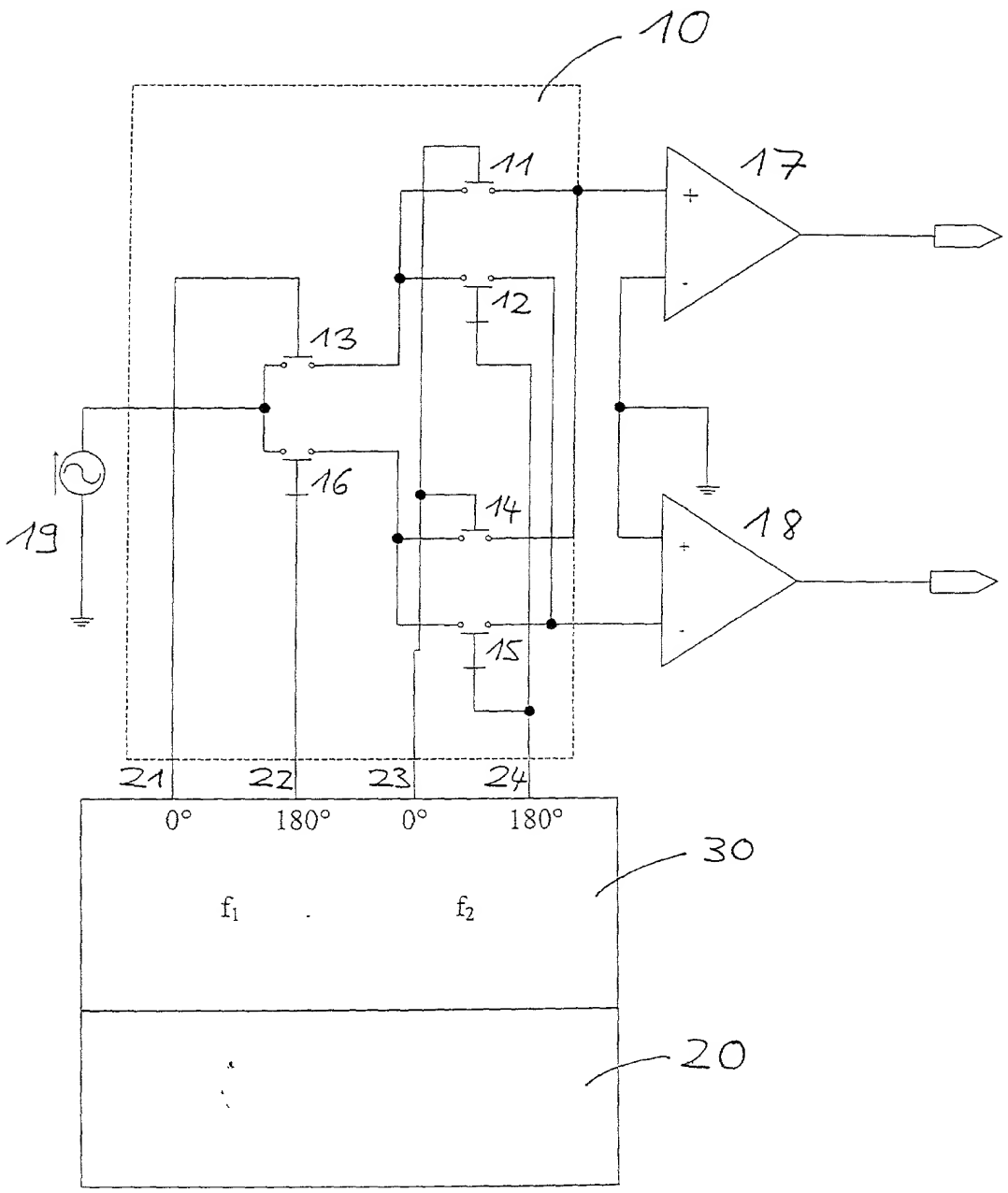


FIG. 1

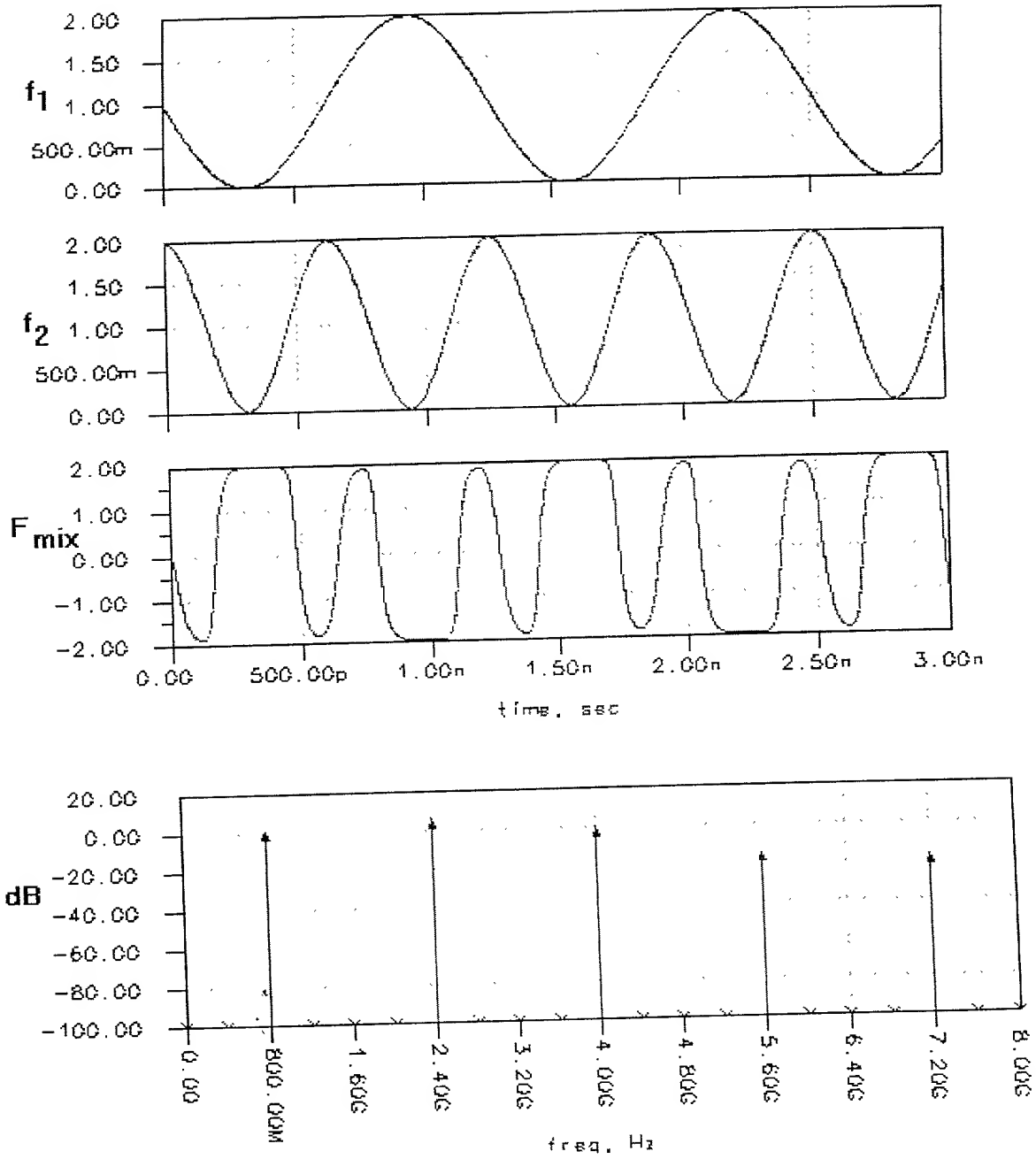

2.00
1.50
f1
1.00
500.00m
0.00
2.00
1.50
f2
1.00
500.00m
0.00
2.00
1.00
Fmix
0.00
-1.00
-2.00
0.00
500.00p
1.00n
1.50n
2.00n
2.50n
3.00n
time, sec
20.00
0.00
-20.00
dB
-40.00
-60.00
-80.00
-100.00
0.00
800.00M
1.60G
2.40G
3.20G
4.00G
4.80G
5.60G
6.40G
7.20G
8.00G
freq, Hz

FIG. 2

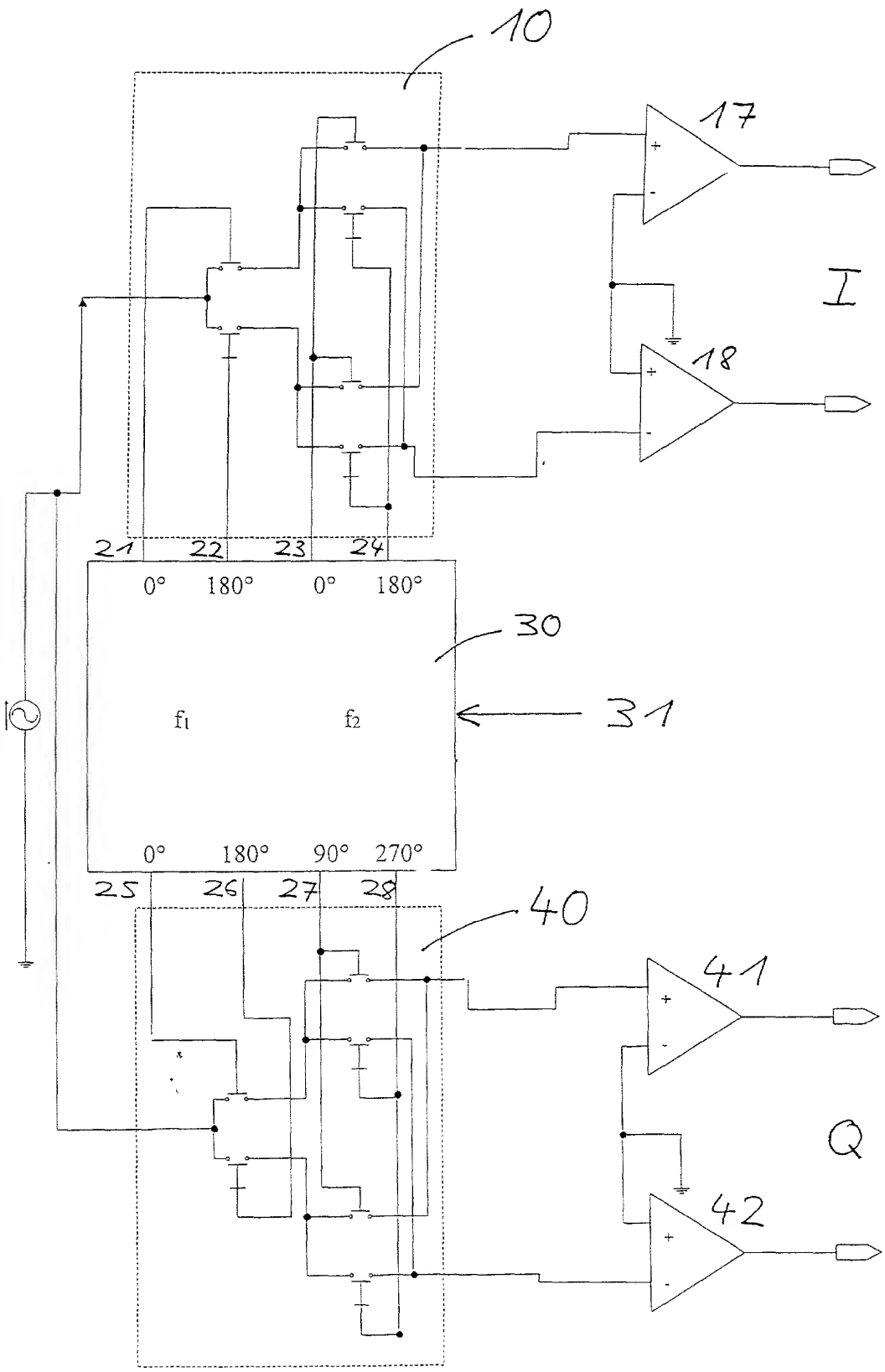

10
17
18
I
21
22
23
24
0°
180°
0°
180°
30
f1
f2
31
0°
180°
90°
270°
25
26
27
28
40
41
42
Q

FIG. 3

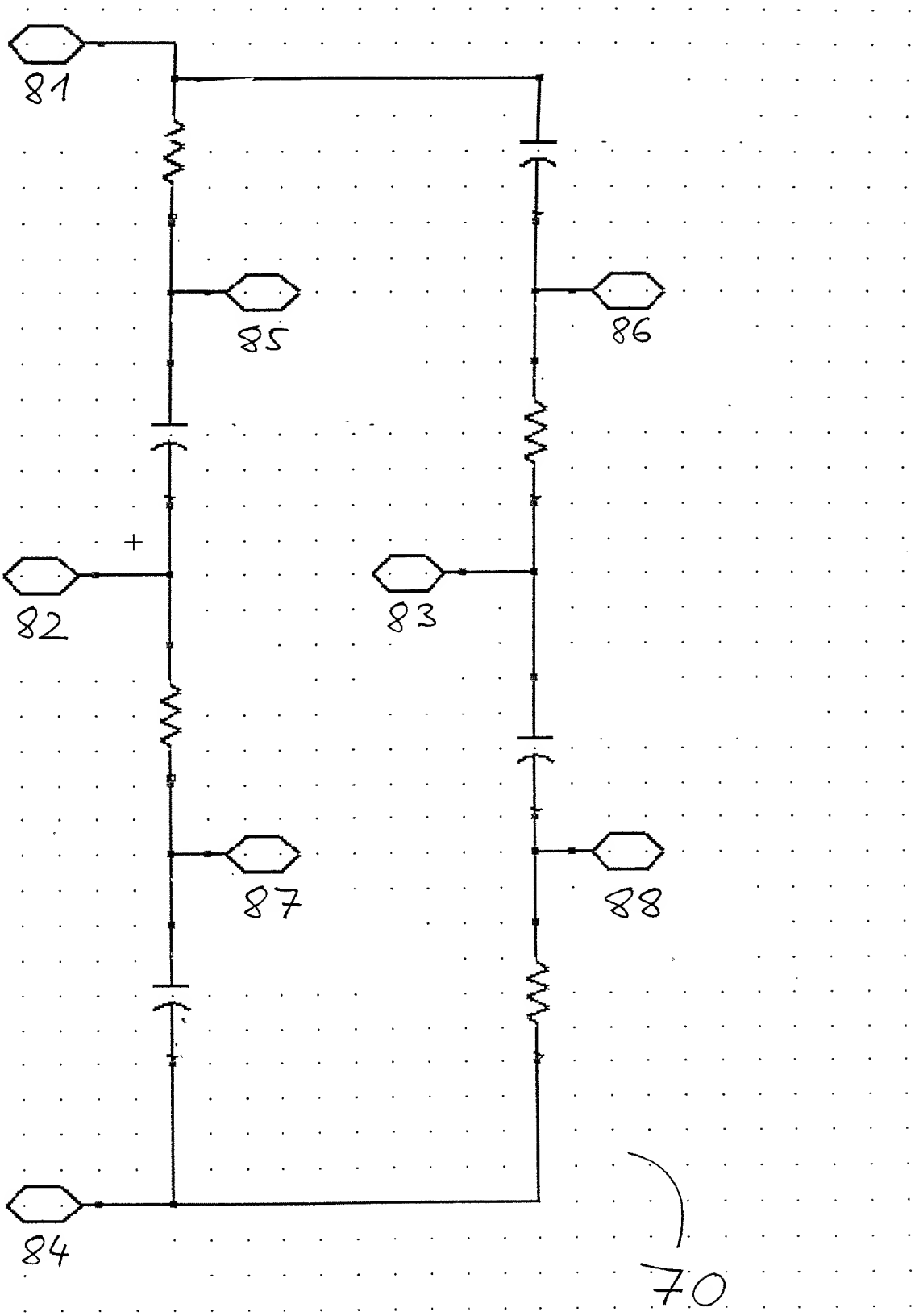
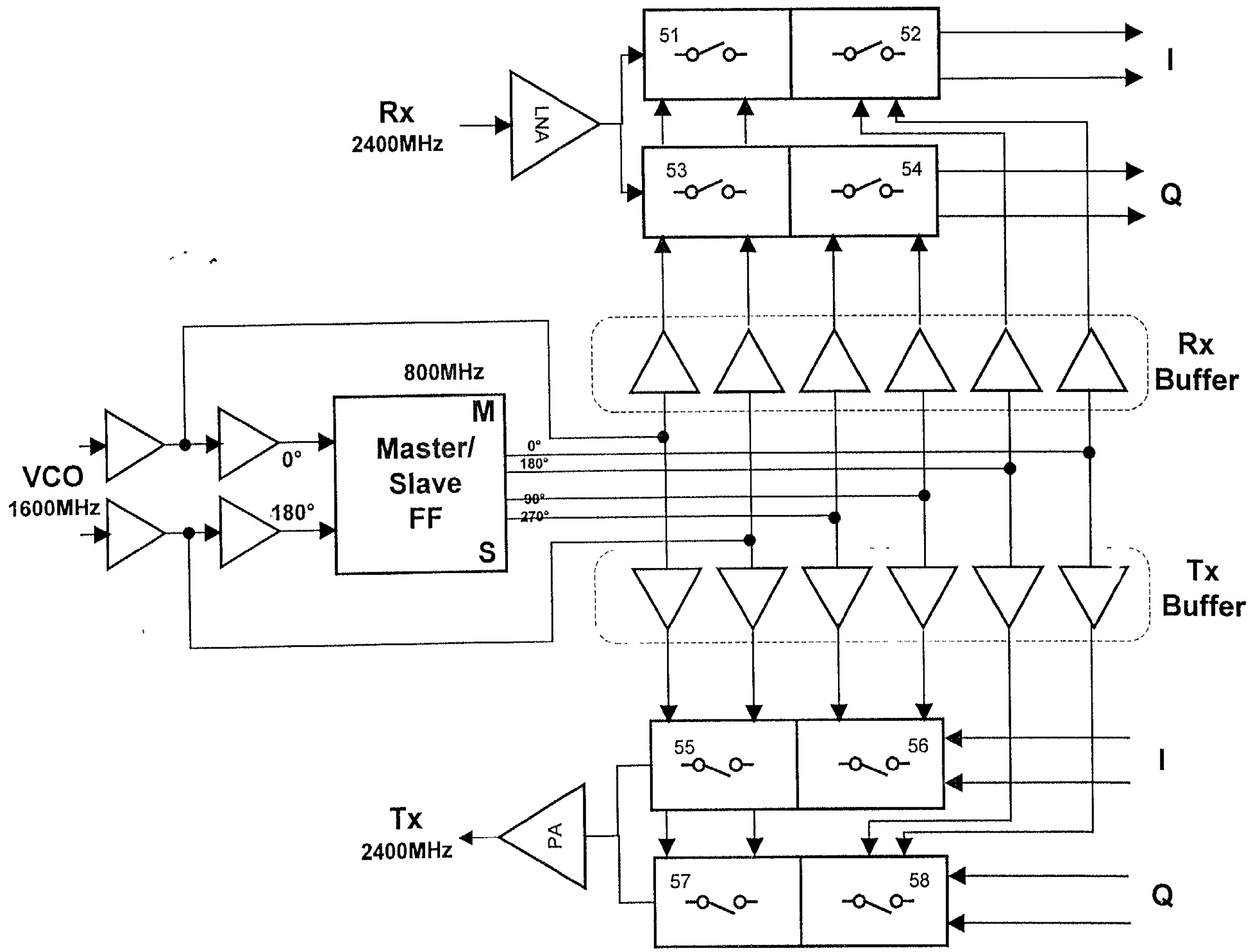


FIG. 4



Rx
2400MHz
LNA
51
52
53
54
I
Q
Rx
Buffer
800MHz
M
Master/
Slave
FF
S
0°
180°
90°
270°
VCO
1600MHz
0°
180°
Tx
Buffer
55
56
57
58
I
Q
PA
Tx
2400MHz

FIG. 5